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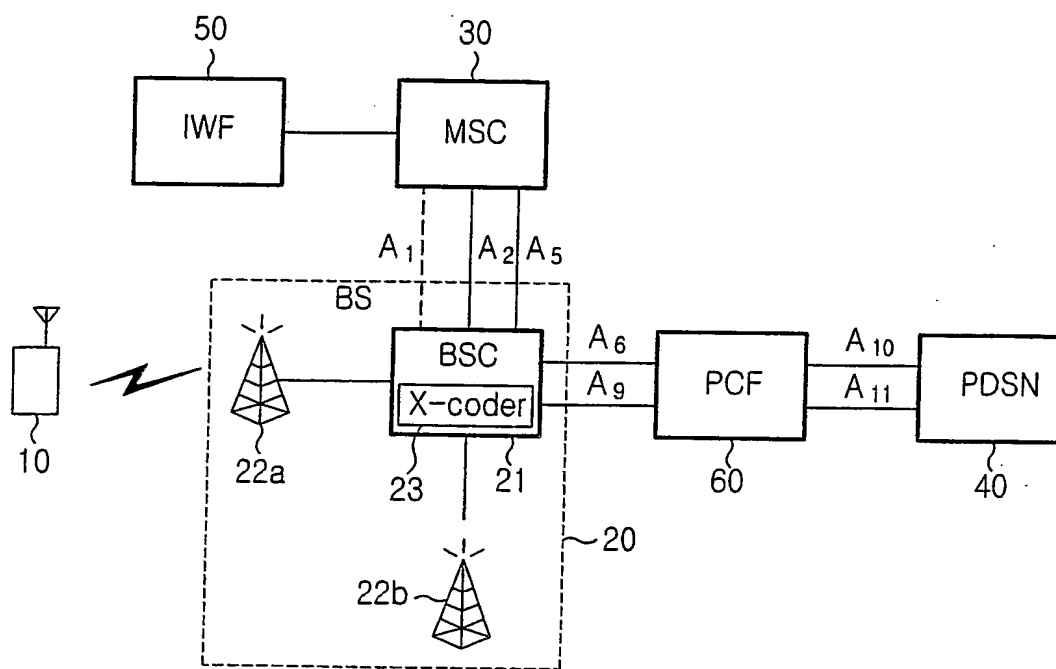


FIG. 1

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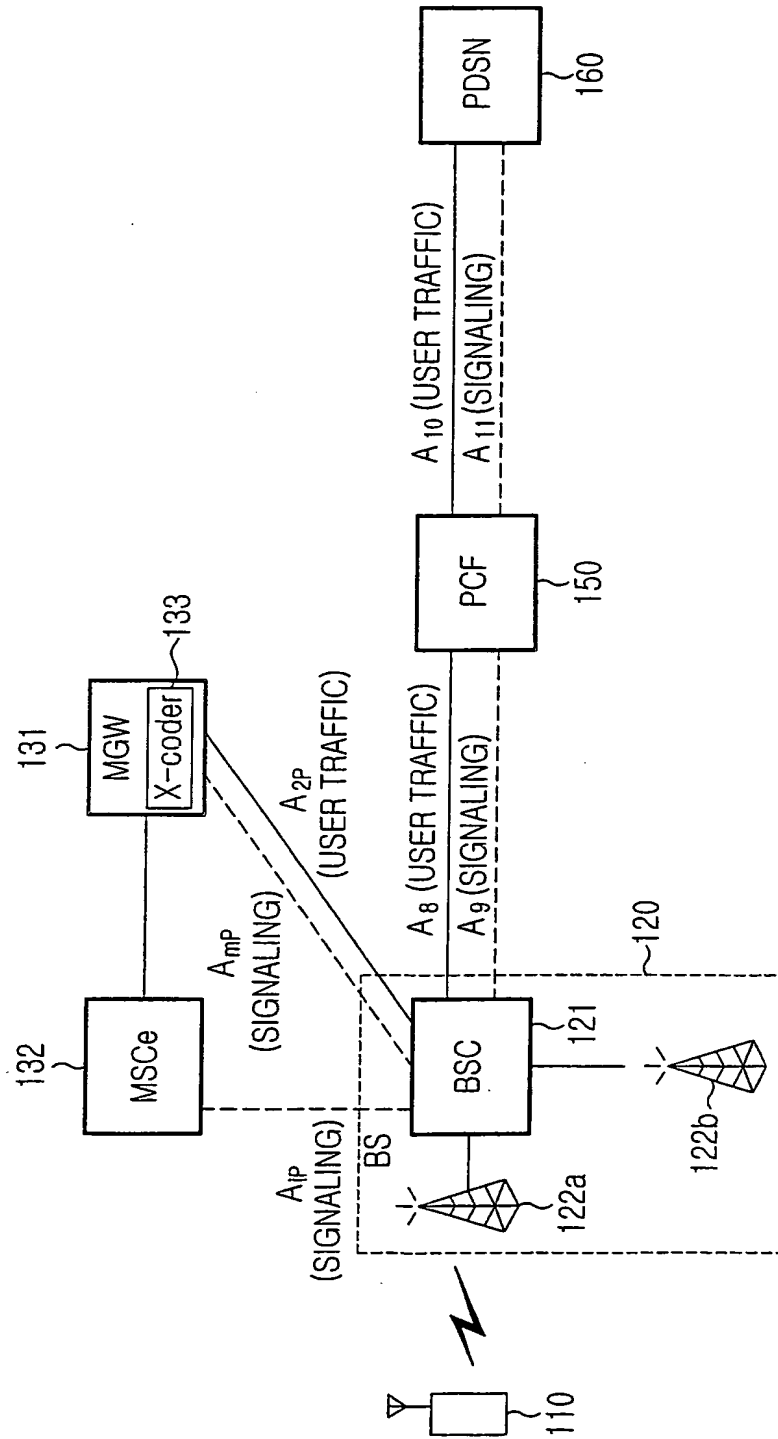


FIG.2

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IOS A1p	IOS A1p	EVRC/SMV	EVRC/SMV	IOS Amp	IOS Amp
SUA	SCCP	FP	FP		
SCTP	M3UA	RTP*	GRE*		
	SCTP	UDP		SCTP	TCP/UDP
IP	IP	IP	IP	IP	IP
L2	L2	L2	L2	L2	L2
L1	L1	L1	L1	L1	L1
Case1	Case2	Case1	Case2	Case1	Case2
A1p interface		A2p interface		Amp interface	

FIG.3

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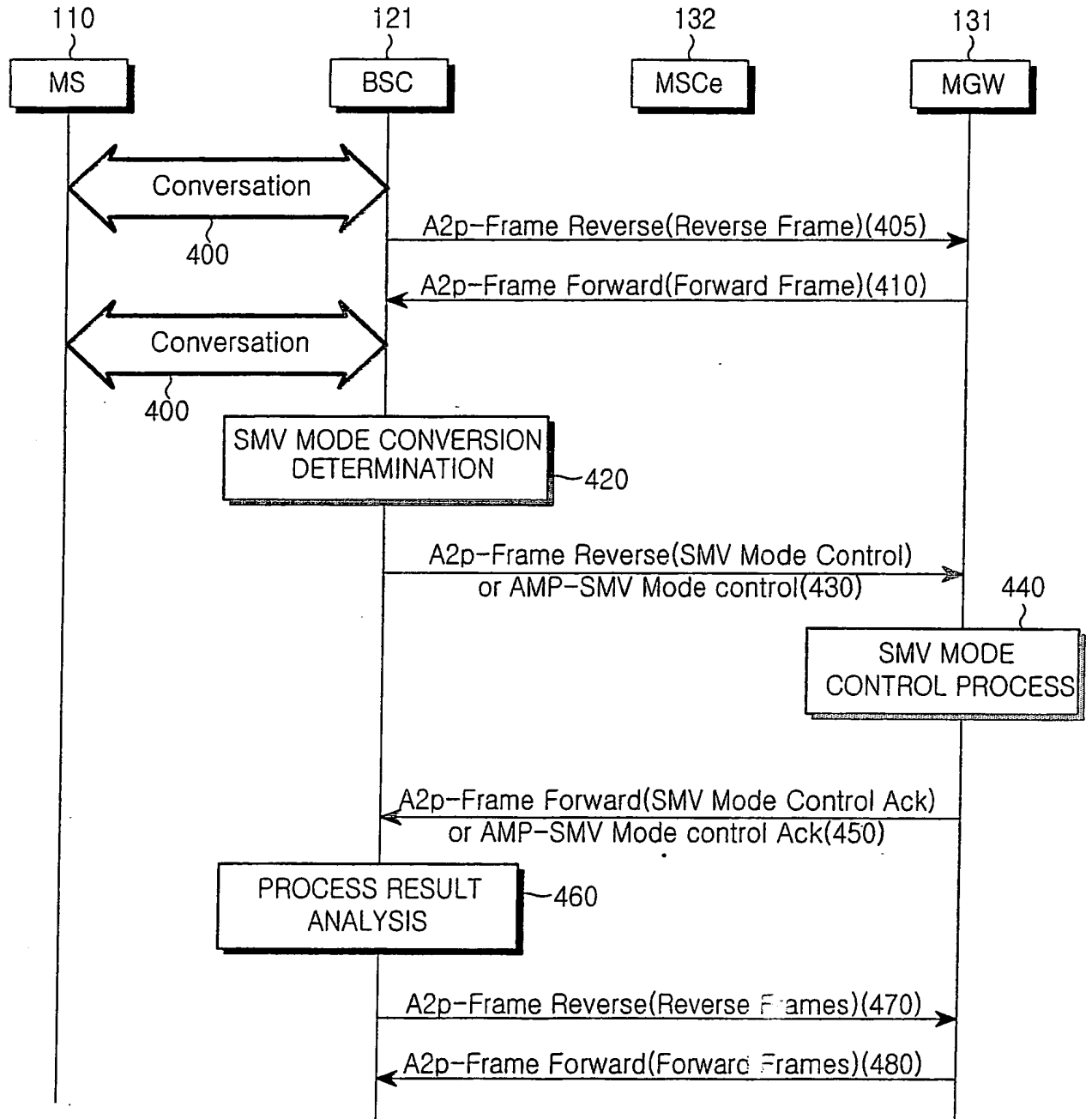


FIG.4A

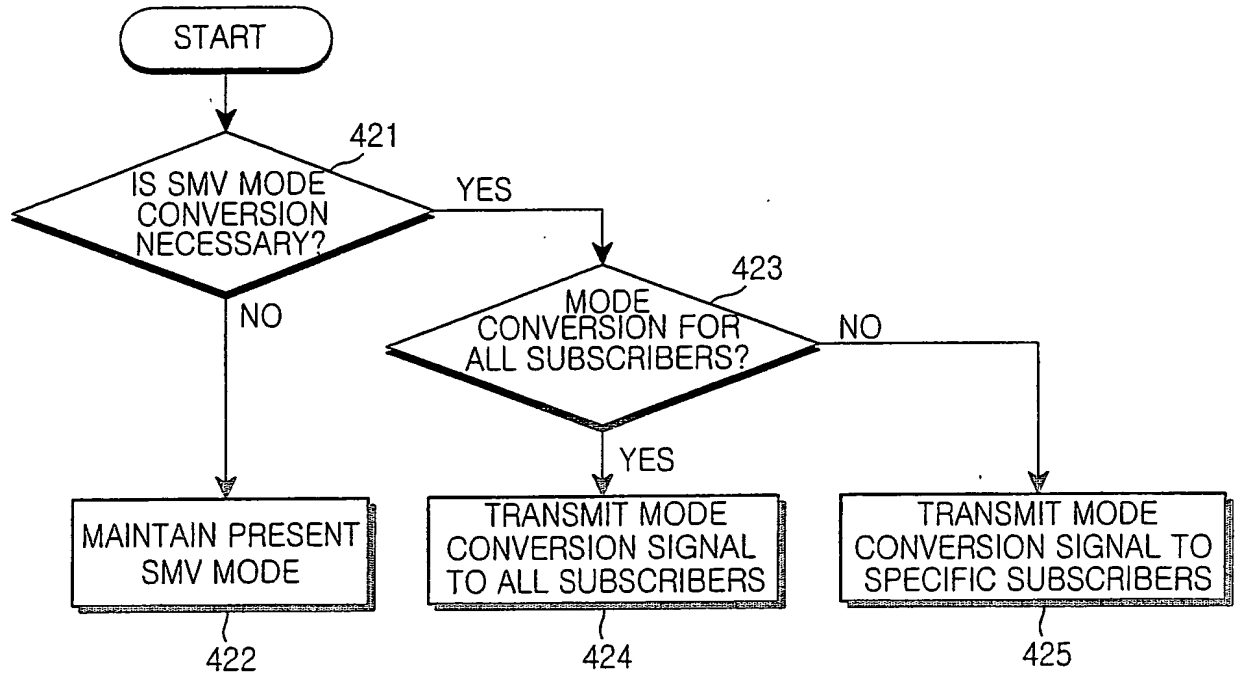


FIG. 4B

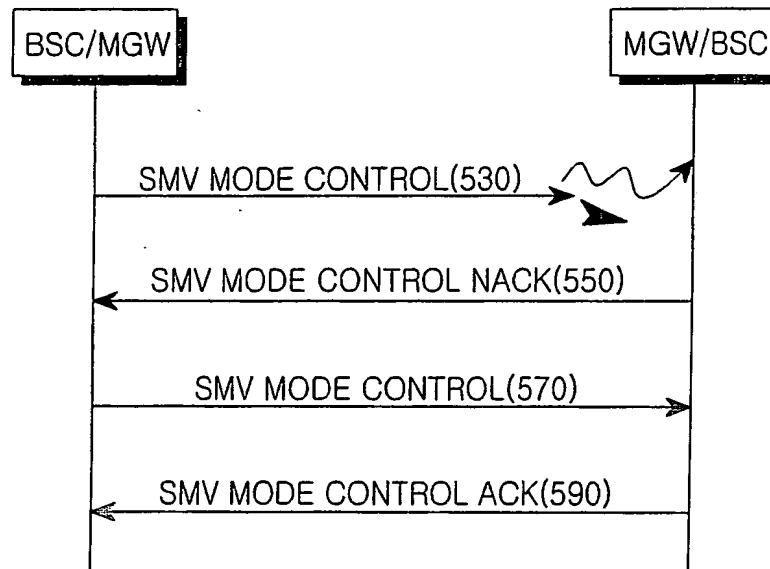


FIG.5

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Information Element	Element Direction	Type
Message Type	BSC -> MGW	M
Frame Protocol Control Procedure	BSC -> MGW	O
Time Synchronization Information	BSC -> MGW	O
Reverse Layer 3 Data	BSC -> MGW	O
Message CRC	BSC -> MGW	M

FIG.6

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Information Element	Element Direction	Type
Message Type	BSC -> MGW	M
Frame Protocol Control Procedure	BSC -> MGW	O
Mode Control Information	BSC -> MGW	O
Cause	BSC -> MGW	O
Forward Layer 3 Data	BSC -> MGW	O
Message CRC	BSC -> MGW	M

FIG.7

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7	6	5	4	3	2	1	0	Octet
Frame Protocol Control Number								1
FP_Mode		Nack		Ack		Frame_Protocol_Control_Procedure		

FIG. 8

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7	6	5	4	3	2	1	0	Octet
Vocoder Rate Change Indicator			MTM	INIT_ CODEC	Reserved			1
Action Time					Reserved			2

FIG.9

7	6	5	4	3	2	1	0	Octet
Codec_Indicator			Data In duction	FSN				1
Required Reduced Frame Number		Rate Re duction Required	BB Indicator	Rate Reduction Time Interval				2
Scaling		Packet Arrival Time Error						3
Frame Content						4		
Reverse Link Information + Layer 3 fill						Variable		
Length						n		
Singaling Message/Secondary Traffic						Variable		

FIG.10

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7	6	5	4	3	2	1	0	Octet
Codec_Indicator			Rate_ Reduction Ack	FSN				1
Scaling		Packet Arrival Time Error						3
Frame Content								5
Forward Link Information + Layer 3 fill								Variable

FIG.11

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7	6	5	4	3	2	1	0	Octet
(MSB)	CRC							1
							(LSB)	2

FIG.12

7	6	5	4	3	2	1	0	Octet
A2p Element Identifier								1
Length								2
0/1	Cause Value							3

FIG.13

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Information Element	Element Direction	Type	
Message Type(Amp)	BSC< -> MGW	M	
Call Connection Reference	BSC< -> MGW	O	R
Mobile Identity(IMSI)	BSC< -> MGW	O	R
Mobile Identity(ESN)	BSC< -> MGW	O	C
A2p Bearer ID	BSC< -> MGW	O	C
Rate Reduction Information	BSC< -> MGW	O	R

FIG.14

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Information Element	Element Direction	Type	
Message Type(Amp)	MGW -> BSC	M	
Call Connection Reference	MGW -> BSC	O	R
Mobile Identity(IMSI)	MGW -> BSC	O	R
Mobile Identity(ESN)	MGW -> BSC	O	C
A2p Bearer ID	MGW -> BSC	O	C
Rate Control Information	MGW -> BSC	O	R
Cause	MGW -> BSC	O	R

FIG.15